BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ Part Bill

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	Removing and Refixing stone slabs of drains and pointing in CM(1:3)Complete as per the direction of Engineer in charge with all lead and lift									
		Sqm								
	Qty Paid Upto 2nd And Part Bill								12525.19	
						Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Rout

actor Representive

Engineer

No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ Part Bill

o	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification Complete as per the direction of Engineer in charge with all lead and lift									
	Dismantling	Cum								
	Qty Paid Upto 2nd And Part Bill		1						8821.72	
	For Culverts									
	15th C CR		1	5.10			1.60	1.30	10.61	
	14th cr		1	3.80			1.60	1.30	7.90	
	14th cr		1	4.80			1.60	1.30	9.98	
	14th mr		1	5.30			1.60	1.30	11.02	
	Vishnu nilaya		1	4.80			1.60	1.30	9.98	
	15th cr		1	5.50			1.60	1.30	11.44	
	34/A sahari		1	5.30			1.60	1.30	11.02	
	# Chandri 16th cr		1	5.10			1.60	1.30	10.61	
	15th c cr		1	6.50			1.60	1.30	13.52	
	15 b cr		1	5.00			1.60	1.30	10.40	
	15 a cr		1	4.80			1.60	1.30	9.98	
	17th cr		1	5.00			1.60	1.30	10.40	
	Ashirvad		1	4.00			1.60	1.30	8.32	
	#43 / Sri rama opp		1	5.50			1.60	1.30	11.44	
	19th cr Bandappa Grand		1	5.00			1.60	1.30	10.40	
	Opp to 19th Cr		1	5.20			1.60	1.30	10.82	
	15th mr gokul		1	5.80			1.60	1.30	12.06	
	16th mr gokul 1st stage		1	4.00			1.60	1.30	8.32	
	15th B mr SS		1	3.50			1.60	1.30	7.28	
	15th B mr NS		1	3.80			1.60	1.30	7.90	
	15th A CR Gokul SS		1	4.00			1.60	1.30	8.32	
	16th A CR Gokul NS		1	4.00			1.60	1.30	8.32	
	Dakshni Botine		1	3.80			1.60	1.30	7.90	
	Swetha No 707		1	5.30			1.60	1.30	11.02	
	14th B MR		1	5.50			1.60	1.30	11.44	
	# Sri Nilaya		1	4.80			1.60	1.30	9.98	
	14th A CR		1	4.40			1.60	1.30	9.15	
	14th A Cross Road		1	2.80			1.60	1.30	5.82	

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ractor Representive

Consultants Representive

For SAPIENCE CONSULTANTS

Authorised Signatory

Engineer

No 17

Asst Executive Engineer

Ward No 17

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ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Comprehensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No 17 under PACKAGE-2019-20 BBN-DIV-(10)

MEASUREMENT SHEET

Date :

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	D (M)	D (M)	Qty	Remarks
							Bill Stage : 3rd And Final Bill			
	16th MRHMT Layout		1	5.00			1.60	1.30	10.40	
	1st MR HMT Layout		1	8.30			1.60	1.30	17.26	
	2nd CR HMT Layout		1	7.00			1.60	1.30	14.56	
	2nd Cr HMT Layout		1	7.66			1.60	1.30	15.93	
	3rd Cr HMT NS		1	6.00			1.60	1.30	12.48	
	3rd Cr HMT SS		1	5.50			1.60	1.30	11.44	
	4th Cr		1	5.50			1.60	1.30	11.44	
	14 Th A C/R		1	4.50			1.60	1.30	9.36	
	15th MR		1	7.50			1.60	1.30	15.60	
	15th MR Shneha Sabana		1	5.00			1.60	1.30	10.40	
	16th MR		1	5.00			1.60	1.30	10.40	
	1st CR		1	5.20			1.60	1.30	10.82	
							Total Qty Work Done		9246.07	
							Deduct Paid Qty		-8821.72	
							Total Payable Qty In This Bill		425.15	

For SAPIENCE CONSULTANTS

Authorised Signator

Consultants Representive

C.T Raju

actor Representive

Engineer
No 17

Asst Executive Engineer
Ward No 17

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

o	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
						Bill Staus : 3rd And ~~Final~~ PART Bill				
	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per specifications Complete as per the direction of Engineer in charge with all lead and lift									
	Dismantling	Cum								
	Qty Paid Upto 2nd And Part Bill									
	For Culverts								21.73	
	15th C CR		1	5.10			1.60	0.15	1.22	
	14th cr		1	3.80			1.60	0.15	0.91	
	14th cr		1	4.80			1.60	0.15	1.15	
	14th mr		1	5.30			1.60	0.15	1.27	
	Vishnu nilaya		1	4.80			1.60	0.15	1.15	
	15th cr		1	5.50			1.60	0.15	1.32	
	34/A sahari		1	5.30			1.60	0.15	1.27	
	# Chandri 16th cr		1	5.10			1.60	0.15	1.22	
	15th c cr		1	6.50			1.60	0.15	1.56	
	15 b cr		1	5.00			1.60	0.15	1.20	
	15 a cr		1	4.80			1.60	0.15	1.15	
	17th cr		1	5.00			1.60	0.15	1.20	
	Ashirvad		1	4.00			1.60	0.15	0.96	
	#43 / Sri rama opp		1	5.50			1.60	0.15	1.32	
	19th cr Bandappa Grand		1	5.00			1.60	0.15	1.20	
	Opp to 19th Cr		1	5.20			1.60	0.15	1.25	
	15th mr gokul		1	5.80			1.60	0.15	1.39	
	16th mr gokul 1st stage		1	4.00			1.60	0.15	0.96	
	15th B mr SS		1	3.50			1.60	0.15	0.84	
	15th B mr NS		1	3.80			1.60	0.15	0.91	
	15th A CR Gokul SS		1	4.00			1.60	0.15	0.96	
	16th A CR Gokul NS		1	4.00			1.60	0.15	0.96	
	Dakshni Botine		1	3.80			1.60	0.15	0.91	
	Swetha No 707		1	5.30			1.60	0.15	1.27	
	14th B MR		1	5.50			1.60	0.15	1.32	
	# Sri Nilaya		1	4.80			1.60	0.15	1.15	
	14th A CR		1	4.40			1.60	0.15	1.06	
	14th A Cross Road		1	2.80			1.60	0.15	0.67	
	16th MRHMT Layout		1	5.00			1.60	0.15	1.20	

C.T Raju
ractor Representive

Consultants Representive
For SAPIENCE CONSULTANTS

Authorised Signatory

Engineer
No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

...of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	1st MR HMT Layout		1	8.30			1.60	0.15	1.99	
	2nd CR HMT Layout		1	7.00			1.60	0.15	1.68	
	2nd Cr HMT Layout		1	7.50			1.60	0.15	1.80	
	3rd Cr HMT NS		1	6.00			1.60	0.15	1.44	
	3rd Cr HMT SS		1	5.50			1.60	0.15	1.32	
	4th Cr		1	5.50			1.60	0.15	1.32	
	14 Th A C/R		1	4.50			1.60	0.15	1.08	
	15th MR		1	7.50			1.60	0.15	1.80	
	15th MR Shneha Sabona		1	5.00			1.60	0.15	1.20	
	16th MR		1	5.00			1.60	0.15	1.20	
	1st CR		1	5.20			1.60	0.15	1.25	
						Total Qty Work Done			70.78	
						Total Qty Upto 125 %			27.16	
							Deduct Paid Qty		-21.73	
						Total Payable Qty Upto 125 %			5.43	
						Total Payable Qty Above 125 %			43.62	

For SAPIENCE CONSULTANTS

Authorised Signatory

C. T Raju

...ractor Representive

Consultants Representive

...Engineer
...No 17

Asst Executive Engineer
Ward No 1

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BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.-do- wall and bottom thickness 15cm Complete as per the direction of Engineer in charge with all lead and lift									
	Earthwork	Cum								
	Qty Paid Upto 2nd And Part Bill								61.56	
	For Culverts-Raft									
	15th C CR		1	5.10			1.40	0.15	1.07	
	14th cr		1	3.80			1.40	0.15	0.80	
	14th cr		1	4.80			1.40	0.15	1.01	
	14th mr		1	5.30			1.40	0.15	1.11	
	Vishnu nilaya		1	4.80			1.40	0.15	1.01	
	15th cr		1	5.50			1.40	0.15	1.16	
	34/A sahari		1	5.30			1.40	0.15	1.11	
	# Chandri 16th cr		1	5.10			1.40	0.15	1.07	
	15th c cr		1	6.50			1.40	0.15	1.37	
	15 b cr		1	5.00			1.40	0.15	1.05	
	15 a cr		1	4.80			1.40	0.15	1.01	
	17th cr		1	5.00			1.40	0.15	1.05	
	Ashirvad		1	4.00			1.40	0.15	0.84	
	#43 / Sri rama opp		1	5.50			1.40	0.15	1.16	
	19th cr Bandappa Grand		1	5.00			1.40	0.15	1.05	
	Opp to 19th Cr		1	5.20			1.40	0.15	1.09	
	15th mr gokul		1	5.80			1.40	0.15	1.22	
	16th mr gokul 1st stage		1	4.00			1.40	0.15	0.84	
	15th B mr SS		1	3.50			1.40	0.15	0.74	
	15th B mr NS		1	3.80			1.40	0.15	0.80	
	15th A CR Gokul SS		1	4.00			1.40	0.15	0.84	
	16th A CR Gokul NS		1	4.00			1.40	0.15	0.84	
	Dakshni Botine		1	3.80			1.40	0.15	0.80	
	Swetha No 707		1	5.30			1.40	0.15	1.11	

C.T Ragu

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For SAPLNC Consultants Pvt. Ltd. Representive

Authorised Signatory

Engineer
d No 17

Asst Executive Engineer
Ward No.1

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ Part Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
14th B MR		1	5.50			1.40	0.15	1.16	
# Sri Nilaya		1	4.80			1.40	0.15	1.01	
14th A CR		1	4.40			1.40	0.15	0.92	
14th A Cross Road		1	2.80			1.40	0.15	0.59	
16th MRHMT Layout		1	5.00			1.40	0.15	1.05	
1st MR HMT Layout		1	8.30			1.40	0.15	1.74	
2nd CR HMT Layout		1	7.00			1.40	0.15	1.47	
2nd Cr HMT Layout		1	7.50			1.40	0.15	1.58	
3rd Cr HMT NS		1	6.00			1.40	0.15	1.26	
3rd Cr HMT SS		1	5.50			1.40	0.15	1.16	
4th Cr		1	5.50			1.40	0.15	1.16	
14 Th A C/R		1	4.50			1.40	0.15	0.95	
15th MR		1	7.50			1.40	0.15	1.58	
15th MR Shneha Sabona		1	5.00			1.40	0.15	1.05	
16th MR		1	5.00			1.40	0.15	1.05	
1st CR		1	5.20			1.40	0.15	1.09	
Culvert Wall									
15th C CR		2	5.10			0.20	0.90	1.84	
14th cr		2	3.80			0.20	0.90	1.37	
14th cr		2	4.80			0.20	0.90	1.73	
14th mr		2	5.30			0.20	0.90	1.91	
Vishnu nilaya		2	4.80			0.20	0.90	1.73	
15th cr		2	5.50			0.20	0.90	1.98	
34/A sahari		2	5.30			0.20	0.90	1.91	
# Chandri 16th cr		2	5.10			0.20	0.90	1.84	
15th c cr		2	6.50			0.20	0.90	2.34	
15 b cr		2	5.00			0.20	0.90	1.80	
15 a cr		2	4.80			0.20	0.90	1.73	
17th cr		2	5.00			0.20	0.90	1.80	
Ashirvad		2	4.00			0.20	0.90	1.44	
#43 / Sri rama opp		2	5.50			0.20	0.90	1.98	
19th cr Bandappa Grand		2	5.00			0.20	0.90	1.80	
Opp to 19th Cr		2	5.20			0.20	0.90	1.87	
15th mr gokul		2	5.80			0.20	0.90	2.09	
16th mr gokul 1st stage		2	4.00			0.20	0.90	1.44	
15th B mr SS		2	3.50			0.20	0.90	1.26	

C.T. Raju
ractor Representive

Consultants Representive
For SAPIENCE CONSULTANTS
Authorised Signator

Engineer
d No 17

Asst Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ವಾರ್ಡ್ Ward No 17
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

No	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	15th B mr NS		2	3.80			0.20	0.90	1.37	
	15th A CR Gokul SS		2	4.00			0.20	0.90	1.44	
	16th A CR Gokul NS		2	4.00			0.20	0.90	1.44	
	Dakshni Botine		2	3.80			0.20	0.90	1.37	
	Swetha No 707		2	5.30			0.20	0.90	1.91	
	14th B MR		2	5.50			0.20	0.90	1.98	
	# Sri Nilaya		2	4.80			0.20	0.90	1.73	
	14th A CR		2	4.40			0.20	0.90	1.58	
	14th A Cross Road		2	2.80			0.20	0.90	1.01	
	16th MRHMT Layout		2	5.00			0.20	0.90	1.80	
	1st MR HMT Layout		2	8.30			0.20	0.90	2.99	
	2nd CR HMT Layout		2	7.00			0.20	0.90	2.52	
	2nd Cr HMT Layout		2	7.50			0.20	0.90	2.70	
	3rd Cr HMT NS		2	6.00			0.20	0.90	2.16	
	3rd Cr HMT SS		2	5.50			0.20	0.90	1.98	
	4th Cr		2	5.50			0.20	0.90	1.98	
	14 Th A C/R		2	4.50			0.20	0.90	1.62	
	15th MR		2	7.50			0.20	0.90	2.70	
	15th MR Shneha Sabona		2	5.00			0.20	0.90	1.80	
	16th MR		2	5.00			0.20	0.90	1.80	
	1st CR		2	5.20			0.20	0.90	1.87	
								Total Qty Work Done	178.07	
								Total Qty Upto 125 %	76.95	
								Deduct Paid Qty	-61.56	
								Total Payable Qty Upto 125 %	15.39	
								Total Payable Qty Above 125 %	101.12	

For SAPIENCE CONSULTANTS

Authorised Signatory

C-T Ragu

ractor Representive

Consultants Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

lo	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ PART Bill Qty	Remarks
	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. Complete as per the direction of Engineer in charge with all lead and lift									
	PCC		ton							
	Qty Paid Upto 2nd And Part Bill									
	Consider 80 kg/ Cum For Culvert		1	116.51			80.00	9320.64	4.92	
									9.32	
								Total Qty Work Done	14.25	
								Total Qty Upto 125 %	6.16	
								Deduct Paid Qty	-4.92	
								Total Payable Qty Upto 125 %	1.23	
								Total Qty Above 125 %	8.09	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

E.T Ragu

actor Representive

Engineer

l No 17

Asst Executive Engineer

Ward No 17

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ಯಶವಂತಪುರ ವಾರ್ಡ್

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ PART Bill Qty	Remarks
Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.-do with solid concrete blocks of size 400*200*200 mm Complete as per the direction of Engineer in charge with all lead and lift									
		Sqm							
Qty Paid Upto 2nd And Part Bill								4879.20	
							Total Payable Qty In This Bill	0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

ractor Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

D	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications.- do - cement mortar 1:3Complete as per the direction of Engineer in charge with all lead and lift									
		Sqm								
	Qty Paid Upto 2nd And Part Bill								19289.40	
							Total Payable Qty In This Bill		0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory
Consultants Representive

C.T Raju
ractor Representive

Engineer
d No 17

Asst Executive Engineer
Ward No 17

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping including cost of all materials, labour, HOM curing Complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift									
	Cum								
Qty Paid Upto 2nd And Part Bill								964.47	
Total Payable Qty In This Bill								0.00	

01 SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Ratu

actor Representive

Engineer

No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
						Bill Staus : 3rd And ~~Final~~ PART Bill				
	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.Complete as per the direction of Engineer in charge with all lead and lift									
		Sqm								
	Qty Paid Upto 2nd And Part Bill								5522.63	
								Total Payable Qty In This Bill	0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

ractor Representive

Engineer
d No 17

Asst Executive Engineer
Ward No 17

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
Providing one line dressing to granite stone slab / granite stone masonry as per specifications .Complete as per the direction of Engineer in charge with all lead and lift									
	Sqm								
Qty Paid Upto 2nd And Part Bill									
								5522.63	
Total Payable Qty In This Bill								0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer
No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And Final Bill Qty	Remarks
Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) Complete as per the direction of Engineer in charge with all lead and lift	Sqm								
Qty Paid Upto 2nd And Part Bill								25771.20	
							Total Payable Qty In This Bill	0.00	

For SAPIENCE CONSULTANTS

Authorised Signator

Consultants Representive

C.T Raju

Contractor Representive

Engineer

Ward No 17

Asst Executive Engineer

Ward No 17

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm								
Qty Paid Upto 2nd And Part Bill									
For Culverts								120.70	
15th C CR		1	5.10			1.80		9.18	
14th cr		1	3.80			1.80		6.84	
14th cr		1	4.80			1.80		8.64	
14th mr		1	5.30			1.80		9.54	
Vishnu nilaya		1	4.80			1.80		8.64	
15th cr		1	5.50			1.80		9.90	
34/A sahari		1	5.30			1.80		9.54	
# Chandri 16th cr		1	5.10			1.80		9.18	
15th c cr		1	6.50			1.80		11.70	
15 b cr		1	5.00			1.80		9.00	
15 a cr		1	4.80			1.80		8.64	
17th cr		1	5.00			1.80		9.00	
Ashirvad		1	4.00			1.50		6.00	
#43 / Sri rama opp		1	5.50			1.80		9.90	
19th cr Bandappa Grand		1	5.00			1.80		9.00	
Opp to 19th Cr		1	5.20			1.80		9.36	
15th mr gokul		1	5.80			1.50		8.70	
16th mr gokul 1st stage		1	4.00			1.50		6.00	
15th B mr SS		1	3.50			1.80		6.30	
15th B mr NS		1	3.80			1.80		6.84	
15th A CR Gokul SS		1	4.00			1.80		7.20	
16th A CR Gokul NS		1	4.00			1.80		7.20	
Dakshni Botine		1	3.80			1.80		6.84	
Swetha No 707		1	5.30			1.80		9.54	
14th B MR		1	5.50			1.80		9.90	
# Sri Nilaya		1	4.80			1.80		8.64	
14th A CR		1	4.40			1.80		7.92	
14th A Cross Road		1	2.80			1.50		4.20	

C.T. Raju

Contractor Representative

Consultants Representative
For SAPIENCE CONSULTANTS

Authorised Signatory

Asst Executive Engineer
Ward No 17

Engineer
No 17

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV (10)

MEASUREMENT SHEET

Date :

Bill Status : 3rd And Final Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
16th MRHMT Layout		1	5.00			1.80		9.00	
1st MR HMT Layout		1	8.30			1.50		12.45	
2nd CR HMT Layout		1	7.00			1.50		10.50	
2nd Cr HMT Layout		1	7.50			1.80		13.50	
3rd Cr HMT NS		1	6.00			1.80		10.80	
3rd Cr HMT SS		1	5.50			1.80		9.90	
4th Cr		1	5.50			1.80		9.90	
14 Th A C/R		1	4.50			1.80		8.10	
15th MR		1	7.50			1.80		13.50	
15th MR Shneha Sabona		1	5.00			1.80		9.00	
16th MR		1	5.00			1.80		9.00	
1st CR		1	5.20			1.80		9.36	
							Total Qty Work Done	479.05	
							Total Qty Upto 125 %	150.88	
							Deduct Paid Qty	-120.70	
							Total Payable Qty Upto 125 %	30.18	
							Total Qty Above 125 %	328.18	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

ractor Representive

Engineer

d No 17

Asst.Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And Final Bill Qty	Remarks
Removing and resetting of Kerb stones Complete as per the direction of Engineer in charge with all lead and lift									
	M								
Qty Paid Upto 2nd And Part Bill								10670.92	
Total Payable Qty In This Bill								0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

Contractor Representive

Asst Executive Engineer
Ward No 17

Engineer
No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ PART Bill Qty	Remarks
Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete. Complete as per the direction of Engineer in charge with all lead and lift									
New Kerb		No's							
Qty Paid Upto 2nd And Part Bill								13301.00	
							Total Payable Qty In This Bill	0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

Contractor Representive

Engineer
Ward No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

(Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ PART Bill Qty	Remarks
Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift									
	Sqm								
Qty Paid Upto 2nd And Part Bill								7596.36	
							Total Payable Qty In This Bill	0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer

No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
					Bill Staus : 3rd And ~~Final~~ PART Bill				
Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift									
		Cum							
Qty Paid Upto 2nd And Part Bill								350.09	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer

No 17

Asst Executive Engineer

Ward No 17

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RBN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No.	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
					Bill Status - 2nd And Final Bill				
Excavation for roadwork in all types of soil with hydraulic excavator of 0.6 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift									
		Cum							
Qty Paid Upto 2nd And Part Bill								17.34.28	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer
No 17

Asst Executive Enginee
Ward No 1

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Bill Staus : 3rd And ~~Final~~ PART Bill

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift									
	Cum								
Qty Paid Upto 2nd And Part Bill								1691.76	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer

I No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift									
	Cum								
Qty Paid Upto 2nd And Part Bill								2056.20	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer

l No 17

Asst.Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
					Bill Staus : 3rd And ~~Final~~ PART Bill				
Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm								
Qty Paid Upto 2nd And Part Bill								8940.00	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C-T Ragu

actor Representive

Engineer
l No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

Date :

MEASUREMENT SHEET

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. Complete as per the direction of Engineer in charge with all lead and lift	Sqm								
Qty Paid Upto 2nd And Part Bill								47869.26	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer
l No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.Complete as per the direction of Engineer in charge with all lead and lift	Sqm								
Qty Paid Upto 2nd And Part Bill								101105.25	
							Total Payable Qty In This Bill	0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Ragu

Contractor Representive

Engineer

Ward No 17

Asst Executive Engineer

Ward No 17

BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
					Bill Staus : 3rd And ~~Final~~ Part Bill				
Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75mm) with 4.5 % VG-30 Bitumen Complete as per the direction of Engineer in charge with all lead and lift									
		Cum							
Qty Paid Upto 2nd And Part Bill								2909.76	
					Total Payable Qty In This Bill			0.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T. Raju

actor Representive

Engineer

No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

Date :

MEASUREMENT SHEET

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen Complete as per the direction of Engineer in charge with all lead and lift									
	Cum								
Qty Paid Upto 2nd And Part Bill								2327.81	
					Total Payable Qty In This Bill			0.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory.

C.T Raju

ractor Representive

Consultants Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Comprehensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No 17 under PACKAGE-2019-20 RBN-HV-(10)

Date :

MEASUREMENT SHEET

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
					Bill Status - 1st And Part Bill				
Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS 383-2016,aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5 dis- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. Complete as per the direction of Engineer in charge with all lead and lift									
Qty Paid Upto 2nd And Part Bill		Cum							
								350.09	
							Total Payable Qty In This Bill	0.00	4600.00

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

Contractor Representive

Engineer
No 17

Asst Executive Engineer
Ward No 17

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

o	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
						Bill Staus : 3rd And Final Bill Part				
	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel,laying and fixing of 125 micron thick polythene film, wedges, steelplates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. Complete as per the direction of Engineer in charge with all lead and lift									
		Cum								
	Qty Paid Upto 2nd And Part Bill							Left		
									400.00	
						Total Payable Qty In This Bill			0.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T. Rao

actor Representive

Engineer
No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. Complete as per the direction of Engineer in charge with all lead and lift	Sqm								
Qty Paid Upto 2nd And Part Bill								2000.00	
							Total Payable Qty In This Bill	0.00	

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SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

ractor Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)									
Point 1		No	1					1.00	
							Total Work Done	1.00	
							Total Payable Qty In This Bill	1.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

actor Representive

Engineer
I No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And Part Bill Qty	Remarks
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)									
	0 to 50 m		Rmt							
	Point 1			1	50.00				50.00	
								Total Qty Work Done	50.00	
								Qty Payable In This Bill	50.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Rogu

ractor Representive

Engineer
d No 17

Asst Executive Engineer
Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in RMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN DIV (10)

MEASUREMENT SHEET

Date :

Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	D (M)	D (M)	Qty	Remarks
					Bill State - 1st And Final Bill				
Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSI & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc. complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 IE 13.01)									
50 to 100 m		Rmt							
Point 1			1	50.00					
								50.00	
						Total Qty Work Done		50.00	
						Qty Payable In This Bill		50.00	

For SAPIENCE CONSULTANTS

Authorised Signator

Consultants Representive

Raju. C.T

ractor Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

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2022-23

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
						Bill Staus : 3rd And ~~Final~~ Part Bill				
4	**Sinking borewell of 165 mm** dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)									
	100 to 150 m		Rmt							
	Point 1			1	50.00					
									50.00	
						Total Qty Work Done			50.00	
						Qty Payable In This Bill			50.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

Contractor Representive

Asst Executive Engineer

Ward No 17

Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
5	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)									
	150 to 200 m	Rmt								
	Point 1		1	50.00					50.00	
								Total Qty Work Done	50.00	
								Qty Payable In This Bill	50.00	

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

Contractor Representive

Asst Executive Engineer

Ward No 17

Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Bill Staus : 3rd And ~~Final~~ Part Bill Qty	Remarks
6	**Sinking borewell of 165 mm** dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)									
	200 to 250 m	Rmt								
	Point 1		1	50.00					50.00	
								Total Qty Work Done	50.00	
								Qty Payable In This Bill	50.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

ractor Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

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BRUHAT BENGALURU MAHANAGARA PALIKE

(Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

MEASUREMENT SHEET

Date :

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
						Bill Staus : 3rd And ~~Final~~ Part Bill				
7	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)									
	250 to 300 m	Rmt								
	Point 1		1	50.00					50.00	
						Total Qty Work Done			50.00	
						Qty Payable In This Bill			50.00	

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For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T Raju

ractor Representive

Engineer

d No 17

Asst Executive Engineer

Ward No 17

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2022-23

BRUHAT BENGALURU MAHANAGARA PALIKE

of Work:- Compreshensive development of roads, drains and footpath in HMT Layout, SBM Colony and Surrounding Areas in Ward No.17 under PACKAGE-2019-20 RRN-DIV-(10)

Date :

MEASUREMENT SHEET

Bill Staus : 3rd And ~~Final~~ Part Bill

	Description of Items	Unit	No	L (M)	B 1(M)	B 2(M)	B (M)	D (M)	Qty	Remarks
B	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)									
	300 to 350 m	Rmt								
	Point 1		1	50.00					50.00	
						Total Qty Work Done			50.00	
						Qty Payable In This Bill			50.00	

E-

For SAPIENCE CONSULTANTS

Authorised Signatory

Consultants Representive

C.T ROJU

actor Representive

Engineer
No 17

Asst Executive Engineer
Ward No 17

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